

IN THE SPECIFICATION

Please amend the paragraph beginning on page 4, line 31 as follows:

A1
--The BIOS 16 brings up the computer system 10 when it is turned on. The BIOS 16 determines what the computer can do without accessing programs from the hard disk 12 or other media. The BIOS 16 contains code required to control the keyboard, display screen, disk drives, serial communications, for example, along with certain other functions, depending upon the computer system 10.

Please amend the paragraph beginning on page 6, line 17 as follows:

A2
--If the computer system 10 fails to boot its operating system due to a problem with the hard disk drive ~~16a~~ 12, a user selectively boots ~~26~~ the computer system to the EFI command shell. The user selectively runs ~~27~~ one or more hard drive diagnostic program from the diagnostic drive 16a. The diagnostic program finds the error and corrects it. The user then reboots ~~28~~ the computer system 10 which successfully boots the computer system from the hard disk drive 12.

Please amend the paragraph beginning on page 6, line 23 as follows:

A3
--The software ~~20~~ or firmware ~~20~~ that implements the method 20 may also be configured ~~29~~ to include data compression and decompression routines, or encryption routines for security purposes. The data compression and decompression routines increase the quantity of data that may be stored in the configured disk drive space ~~16a~~ of the flash memory 14. The diagnostic disk drive space ~~16a~~ may be used to store ~~30~~ the POST error logs in files that may be read by the operating system during its boot process and displayed by an event viewer.